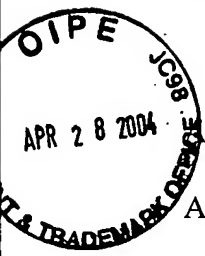


P23664.A02



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Keith ALLEN et al.

Group Art Unit: 2661

Appln. No. :10/628,238

Examiner: Unknown

Filed : July 29, 2003

For : BROADBAND ACCESS FOR VIRTUAL PRIVATE NETWORK

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. §§ 1.56, 1.97 and 1.98, and supplemental to the Information Disclosure Statement filed October 29, 2003, in the instant application, Applicants hereby call the following documents to the Examiner's attention:

United States Patent No. 5,600,644 to CHANG et al., issued February 04, 1997;

United States Patent No. 5,633,869 to BURNETT et al., issued May 27, 1997;

United States Patent No. 5,737,333 to CIVANLAR et al., issued April 07, 1998;

United States Patent No. 5,757,796 to HEBB, issued May 26, 1998;

United States Patent No. 5,781,529 to LIANG et al., issued July 14, 1998;

United States Patent No. 5,809,025 to TIMBS, issued September 15, 1998

United States Patent No. 5,892,763 to LARAQUI et al., issued April 06, 1999

United States Patent No. 5,930,477 to UCHIDA, issued July 27, 1999;

United States Patent No. 5,936,959 to JOFFE, issued August 10, 1999;

P23664.A02

United States Patent No. 5,940,394 to KILLIAN, issued August 17, 1999;  
United States Patent No. 5,940,396 to ROCHBERGER, issued August 17, 1999;  
United States Patent No. 5,946,313 to ALLAN et al., issued August 31, 1999;  
United States Patent No. 5,949,782 to WELLS, issued September 07, 1999;  
United States Patent No. 5,958,018 to ENG et al., issued September 28, 1999;  
United States Patent No. 5,983,332 to WATKINS, issued November 09, 1999;  
United States Patent No. 5,991,854 to WATKINS, issued November 23, 1999;  
United States Patent No. 6,016,319 to KSHIRSAGAR et al., issued January 18, 2000;  
United States Patent No. 6,034,958 to WICKLUND, issued March 07, 2000;  
United States Patent No. 6,078,586 to DUGAN et al., issued June 20, 2000;  
United States Patent No. 6,081,836 to KARAPETKOV et al., issued June 27, 2000;  
United States Patent No. 6,111,881 to SONCODI, issued August 29, 2000;  
United States Patent No. 6,122,670 to BENNETT et al., issued September 19, 2000;  
United States Patent No. 6,538,416 to HAHNE et al., issued March 25, 2003;  
United States Patent No. 6,496,479 to SHIONOZAKI, issued December 17, 2002;  
United States Patent No. 6,563,794 to TAKASHIMA et al., issued May 13, 2003;  
United States Patent No. 5,835,710 to NAGAMI et al., issued November 10, 1998;  
United States Patent No. 6,598,080 to NAGAMI et al., issued July 22, 2003;  
United States Patent No. 5,828,844 to CIVANLAR et al., issued October 27, 1998;  
United States Patent No. 5,903,559 to ACHARYA et al., issued May 11, 1999;  
United States Patent No. 6,021,263 to KUJOORY et al., issued February 01, 2000;

P23664.A02

United States Patent No. 6,138,144 to DESIMONE et al., issued October 24, 2000;

United States Patent No. 6,222,842 to SASYAN et al., issued April 24, 2001;

United States Patent No. 6,252,857 to FENDICK et al., issued June 26, 2001;

United States Patent No. 6,314,098 to MASUDA et al., issued November 06, 2001;

United States Patent No. 6,343,322 to NAGAMI et al., issued January 29, 2002;

United States Patent No. 6,343,326 to ACHARYA et al., issued January 29, 2003;

United States Patent No. 6,345,051 to GUPTA et al., issued February 05, 2002;

United States Patent No. 6,385,170 to CHIU et al., issued May 07, 2002;

International Search Report dated November 19, 2003 for related International

Application No. PCT/US03/16253;

International Publication No. WO 99/29137, published June 10, 1999;

International Publication No. WO 00/57296, published September 28, 2000;

International Publication No. WO 01/11837, published February 15, 2001;

International Publication No. WO 01/31829, published May 03, 2001;

Abstract of EP 1036450, published on September 20, 2000;

WAN, "ASP Bi-level Addressing & ANS Requirements" (99-0534), dated September 26-October 1, 1999;

WAN, "ASP Bi-level Addressing Architecture" (99-0649), dated November 28-December 4, 1999;

ATM Forum Addressing: Reference Guide" (AF-RA-0106.000), The ATM Forum Technical Committee, dated February 1999;

P23664.A02

“ATM Forum Addressing: User Guide version 1.0” (AF-RA-0105.000), The ATM Forum Technical Committee, dated January 1999;

“PNNI Transported Address Stack version 1.0” (AF-CS-0115.000), The ATM Forum Technical Committee, dated May 1999;

“New Capabilities ATM Addressing Document (Draft)” (BTD-RA-ADDR-02.03), The ATM Forum Technical Committee, dated October 1998;

“ATM Name System V2.0 Baseline Text” (BTD-SAA-ANS-02.01), The ATM Forum Technical Committee, dated July 1999;

“ATM Bi-Level Addressing Document, Version 1.0” (STR-RA-ADDR-01.00), The ATM Forum Technical Committee, dated July 2000;

“ATM Bi-Level Addressing Document, Version 1.0 (Draft)” (STR-RA-ADDR-01.00), The ATM Forum Technical Committee, dated July 2000;

Specification for RFC 1034, entitled: “Domain Names-Concepts and Facilities”, November, 1987;

Specification for RFC 1035, entitled: “Domain Names-Implementation and Specification”, November, 1987;

Specification for RFC 1995, entitled: “Incremental Zone Transfer in DNS” August 1996;

Specification for RFC 1996, entitled: “A Mechanism for Prompt Notification of Zone Changes (DNS NOTIFY),” August, 1996;

Specification for RFC 2065, entitled: “Domain Name System Security Extensions” January 1997;

P23664.A02

Specification for RFC 2136, entitled: "Dynamic Updates in the Domain Name System (DNS UPDATE)," April 1997;

Specification for RFC 2137, entitled: "Secure Domain Name System Dynamic Update", April 1997;

"The Internet Multimedia Conferencing Architecture", by Handley et al., INET '96, June 1996, pages 1-13, <http://www.isoc.org/inet96/proceedings/>;

"RSVP-ATM QoS Interworking", Cisco IOS Release 12.0 (3), 2001, pages 1-34;

"RSVP Over ATM Implementation Requirements", by Berger, FORE Systems, August 1998, <<ftp://ftp.isi.edu/in-notes/rfc2380.txt>>;

"An Overview of ATM", <<http://www.rware.demon.co.uk/atm.htm>>, 1999;

"QoS Trials on SuperJANET in the Context of HICID and Other BT/JISC Project", by Crowcroft et al., November 14, 1997, <<http://www.cs.ucl.ac.uk/research/hicid/jisc-anc.html>>;

"Extensions to RSVP for QoS IP Over Signaled QoS Network", by Chen et al., SBC Communications, Inc., April 2002, <<http://www.ietf.org/internet-drafts/draft-weijing-rsvp-sqn-00.tex>>; and

"Resource Reservation Protocol", Cisco Systems, Inc., published on February 20, 2002, [http://www.cisco.com/univercd/cc/td/doc/cisintwk/ito\\_doc/rsvp.htm](http://www.cisco.com/univercd/cc/td/doc/cisintwk/ito_doc/rsvp.htm).

Applicants respectfully request that the Examiner consider the above materials and cite the patent documents. Copies of the above-noted documents (and the International Search Report) are attached and have been listed on a PTO-1449 Form which is also attached hereto. Accordingly, the Examiner is requested to initial the appropriate spaces on the attached PTO-1449 Form and to return

P23664.A02

a copy of the Form to Applicants with the next official communication in the present application to confirm consideration of these documents.

Applicants also bring to the Examiner's attention the following copending and commonly assigned patent application:

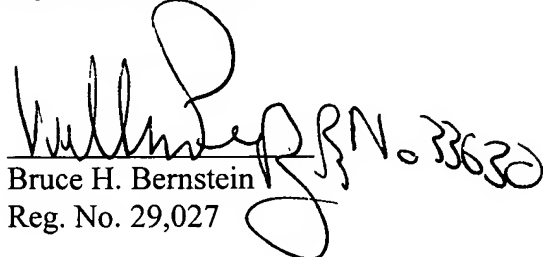
U.S. Patent Application No. 09/947,510 to Albert C. WAN, which was published on May 23, 2002, Pub. No. US 2002/0061011 A1.

In accordance with 37 C.F.R. § 1.98(a)(2)(iii), a copy of the above-mentioned application is attached hereto. The Examiner is requested to review the file wrapper of the U.S. patent application at the U.S. Patent and Trademark Office. Of course, if for any reason the Examiner cannot locate the application, Applicants will provide any requested materials, if possible.

Applicants note that an Office Action on the merits of the instant application has not yet issued. Accordingly, no fee is necessary to ensure consideration of this statement.

Should the Examiner have any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully submitted,  
Keith ALLEN et al.

  
Bruce H. Bernstein  
Reg. No. 29,027

April 26, 2004  
GREENBLUM & BERNSTEIN, P.L.C.  
1950 Roland Clarke Place  
Reston, VA 20191  
(703) 716-1191

Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
P23664Serial No.  
10/628,238INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

Applicant  
Keith ALLEN et al.Filing Date  
July 29, 2003Group  
2661

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5	6	0	0	6	4	4	02/04/97	CHANG et al.		
		5	6	3	3	8	6	9	05/27/97	BURNETT et al.		
		5	7	3	7	3	3	3	04/07/98	CIVANLAR et al.		
		5	7	5	7	7	9	6	05/26/98	HEBB		
		5	7	8	1	5	2	9	07/14/98	LIANG et al.		
		5	8	0	9	0	2	5	09/15/98	TIMBS		
		5	8	9	2	7	6	3	04/06/99	LARAQUI et al.		
		5	9	3	0	4	7	7	07/27/99	UCHIDA		
		5	9	3	6	9	5	9	08/10/99	JOFFE		
		5	9	4	0	3	9	4	08/17/99	KILLIAN		
		5	9	4	0	3	9	6	08/17/99	ROCHBERGER		
		5	9	4	6	3	1	3	08/31/99	ALLAN et al.		
		5	9	4	9	7	8	2	09/07/99	WELLS		
		5	9	5	8	0	1	8	09/28/99	ENG et al.		
		5	9	8	3	3	3	2	11/09/99	WATKINS		
		5	9	9	1	8	5	4	11/23/99	WATKINGS		
		6	0	1	6	3	1	9	01/18/00	KSHIRSAGAR et al.		
		6	0	3	4	9	5	8	03/07/00	WICKLUNG		
		6	0	7	8	5	8	6	06/20/00	DUGAN et al.		
		6	0	8	1	8	3	6	06/27/00	KARAPETKOV et al.		
		6	1	1	1	8	8	1	08/29/00	SONCODI		
		6	1	2	2	6	7	0	09/19/00	BENNETT et al.		
		6	5	3	8	4	1	6	03/25/03	HAHNE et al.		
		6	4	9	6	4	7	9	12/17/02	SHIONOZAKI		
		6	5	6	3	7	9	4	05/13/03	TAKASHIMA et al.		
		5	8	3	5	7	1	0	11/10/98	NAGAMI et al.		

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. P23664	Serial No. 10/628,238
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)		Applicant Keith ALLEN et al.	
		Filing Date July 29, 2003	Group 2661

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6 5 9 8 0 8 0	07/22/03	NAGAMI et al.			
		5 8 2 8 8 4 4	10/27/98	CIVANLAR et al.			
		5 9 0 3 5 5 9	05/11/99	ACHARYA et al.			
		6 0 2 1 2 6 3	02/01/00	KUJOORY et al.			
		6 1 3 8 1 4 4	10/24/00	DESIMONE et al.			
		6 2 2 2 8 4 2	04/24/01	SASYAN et al.			
		6 2 5 2 8 5 7	06/26/01	FENDICK et al.			
		6 3 1 4 0 9 8	11/06/01	MASUDA et al.			
		6 3 4 3 3 2 2	01/29/02	NAGAMI et al.			
		6 3 4 3 3 2 6	01/29/03	ACHARYA et al.			
		6 3 4 5 0 5 1	02/05/02	GUPTA et al.			
		6 3 8 5 1 7 0	05/07/02	CHIU et al.			
2002	/	0 0 6 1 0 1 1	05/23/02	WAN			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	9 9	/ 2 9 1 3 7	06/10/99	W.I.P.O.			
	0 0	/ 5 7 2 9 6	09/28/00	W.I.P.O.			
	0 1	/ 1 1 8 3 7	02/15/01	W.I.P.O.			
	0 1	/ 3 1 8 2 9	05/03/01	W.I.P.O.			

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	1	English Language Abstract of EP 1 036 450, published September 20, 2000.
	2	WAN, "ASP Bi-level Addressing & ANS Requirements" (99-0534), dated September 26-October 1, 1999.
	3	WAN, "ASP Bi-level Addressing Architecture" (99-0649), dated November 28-December 4, 1999.
	4	ATM Forum Addressing: Reference Guide" (AF-RA-0106.000), The ATM Forum Technical Committee,
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EXAMINER

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				Filing Date July 29, 2003	Group 2661
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
		5	"ATM Forum Addressing: User Guide version 1.0" (AF-RA-0105.000), The ATM Forum Technical Committee, dated January 1999.		
		6	"PNNI Transported Address Stack version 1.0" (AF-CS-0115.000), The ATM Forum Technical Committee, dated May 1999.		
		7	"New Capabilities ATM Addressing Document (Draft)" (BTD-RA-ADDR-02.03), The ATM Forum Technical Committee, dated October 1998.		
		8	"ATM Name System V2.0 Baseline Text" (BTD-SAA-ANS-02.01), The ATM Forum Technical Committee, dated July 1999.		
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	1	1	Specification for RFC 1034, entitled: "Domain Names-Concepts and Facilities", November, 1987.		
	1	2	Specification for RFC 1035, entitled: "Domain Names-Implementation and Specification", November, 1987;		
	1	3	Specification for RFC 1995, entitled: "Incremental Zone Transfer in DNS" August 1996.		
	1	4	Specification for RFC 1996, entitled: "A Mechanism for Prompt Notification of Zone Changes (DNS NOTIFY)," August, 1996.		
	1	5	Specification for RFC 2065, entitled: "Domain Name System Security Extensions" January 1997.		
	1	6	Specification for RFC 2136, entitled: "Dynamic Updates in the Domain Name System (DNS UPDATE)," April 1997.		
	1	7	Specification for RFC 2137, entitled: "Secure Domain Name System Dynamic Update", April 1997.		
	1	8	"The Internet Multimedia Conferencing Architecture", by Handley et al., INET '96, June 1996, pages 1-13, <a href="http://www.isoc.org/inet96/proceedings/">http://www.isoc.org/inet96/proceedings/</a> .		
	1	9	"RSVP-ATM QoS Interworking", Cisco IOS Release 12.0 (3), 2001, pages 1-34.		
	2	0	"RSVP Over ATM Implementation Requirements", by Berger, FORE Systems, August 1998, <a href="ftp://ftp.isi.edu/in-notes/rfc2380.txt">&lt;ftp://ftp.isi.edu/in-notes/rfc2380.txt&gt;</a>		
EXAMINER				DATE CONSIDERED	
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